

## Ender-3 Pro Reference data

Machine settings

Prusa Mendel I3

<b>Machine settings</b>	<b>Printer head size</b>	
E-Steps per 1mm filament	0	
Maximum width (mm)	220	
Maximum depth (mm)	220	
Maximum height (mm)	250	
Extruder count	1	
Heated bed	<input checked="" type="checkbox"/>	
Machine center 0,0	<input type="checkbox"/>	
Build area shape	Square	
GCode Flavor	RepRap (Marlin/Sprinter)	
	<b>Communication settings</b>	
	Serial port	AUTO
	Baudrate	AUTO

Ok Add new machine Remove machine Change machine name

File Machine Expert Help

Basic Advanced Plugins Start/End-GCode

### Quality

Layer height (mm) 0.15

Shell thickness (mm) 0.8

Enable retraction ☒ ...

### Fill

Bottom/Top thickness (mm) 1.2

Fill Density (%) 20 ...

### Speed and Temperature

Print speed (mm/s) 50

Printing temperature (C) 200

Bed temperature (C) 45

### Support

Support type None

Platform adhesion type None

### Filament

Diameter (mm) 1.75

Flow (%) 100.0

### Machine

Nozzle size (mm) 0.4

Cura - 15.04.3

File Tools Machine Expert Help

Basic Advanced Plugins Start/End-GCode

**Machine**

Nozzle size (mm)

**Retraction**

Speed (mm/s)

Distance (mm)

**Quality**

Initial layer thickness (mm)

Initial layer line width (%)

Cut off object bottom (mm)

Dual extrusion overlap (mm)

**Speed**

Travel speed (mm/s)

Bottom layer speed (mm/s)

Infill speed (mm/s)

Top/bottom speed (mm/s)

Outer shell speed (mm/s)

Inner shell speed (mm/s)

**Cool**

Minimal layer time (sec)

Enable cooling fan ☒

Cura - 15.04.3

File Tools Machine Expert Help

Basic Advanced Plugins Start/End-GCode

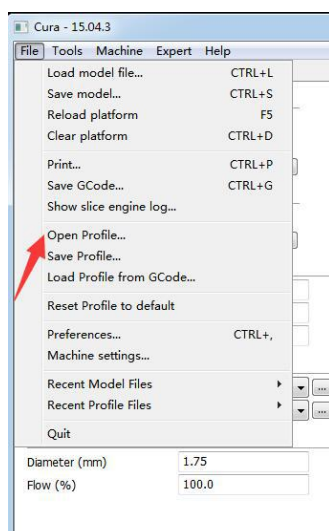
**Plugins:**

Pause at height  
Tweak At Z 4.0.2

Enabled plugins

Expert config

<b>Retraction</b>		<b>Support</b>	
Minimum travel (mm)	1.5	Structure type	Lines
Enable combing	All	Overhang angle for support (deg)	60
Minimal extrusion before retracting (mm)	0.02	Fill amount (%)	15
Z hop when retracting (mm)	0.0	Distance X/Y (mm)	0.7
<b>Skirt</b>		Distance Z (mm)	0.15
Line count	1	<b>Black Magic</b>	
Start distance (mm)	3.0	Spiralize the outer contour	<input type="checkbox"/>
Minimal length (mm)	150.0	Only follow mesh surface	<input type="checkbox"/>
<b>Cool</b>		<b>Brim</b>	
Fan full on at height (mm)	0	Brim line amount	5
Fan speed min (%)	100	<b>Raft</b>	
Fan speed max (%)	100	Extra margin (mm)	5.0
Minimum speed (mm/s)	10	Line spacing (mm)	3.0
Cool head lift	<input type="checkbox"/>	Base thickness (mm)	0.3
<b>Infill</b>		Base line width (mm)	1.0
Solid infill top	<input checked="" type="checkbox"/>	Interface thickness (mm)	0.27
Solid infill bottom	<input checked="" type="checkbox"/>	Interface line width (mm)	0.4
Infill overlap (%)	15	Airgap	0.0
Infill prints after perimeters	<input type="checkbox"/>	First Layer Airgap	0.22
		Surface layers	2
		Surface layer thickness (mm)	0.27
		Surface layer line width (mm)	0.4
		<b>Fix horrible</b>	
		Combine everything (Type-A)	<input checked="" type="checkbox"/>
		Combine everything (Type-B)	<input type="checkbox"/>
		Keep open faces	<input type="checkbox"/>
		Extensive stitching	<input type="checkbox"/>
		Ok	



## 2. Software and USB Driver > CURA > Reference data



Ender-3 Pro